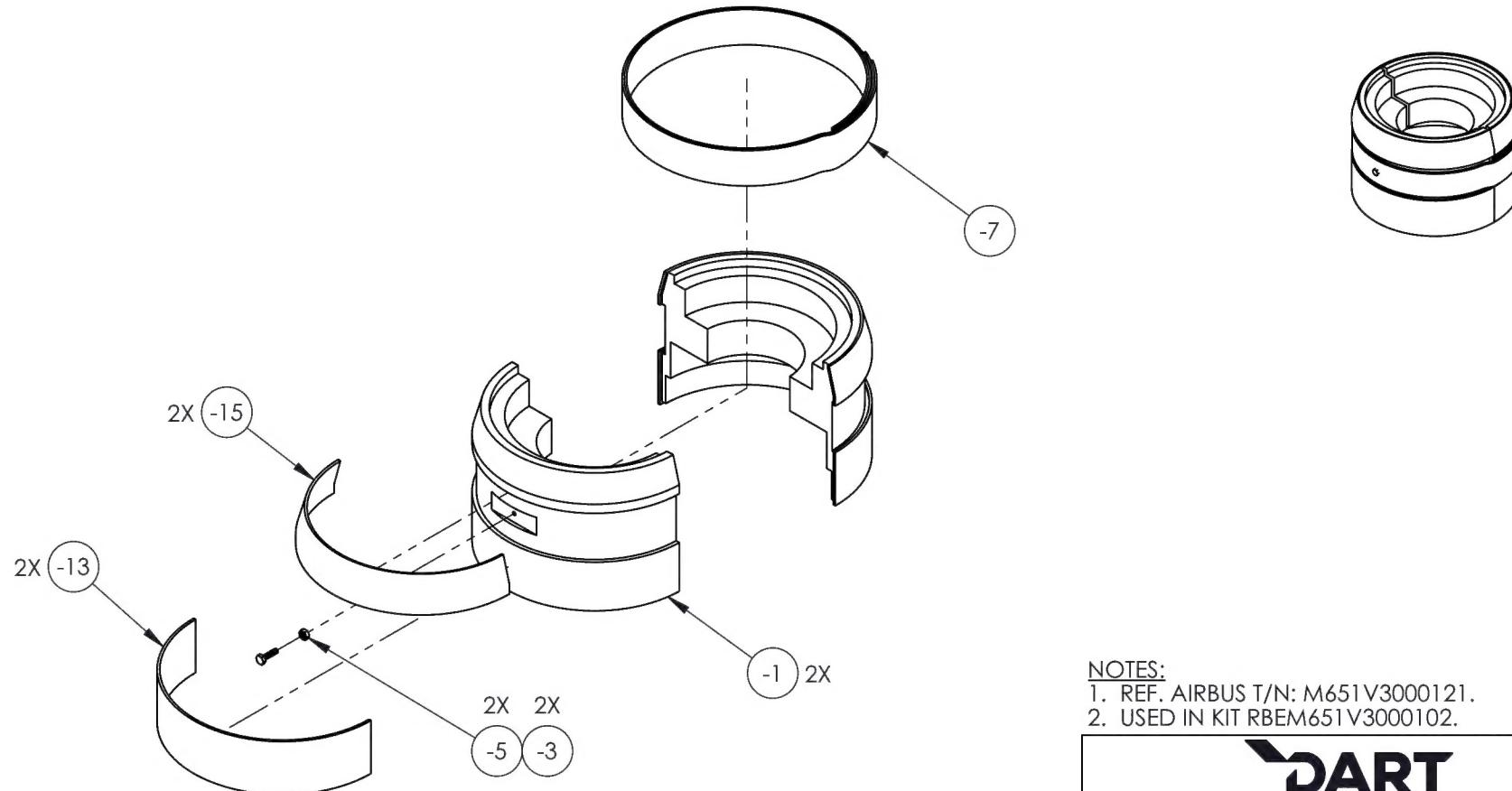


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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION			6/27/2016	SM	JAG
2	16-0209	-1 CH'D DIM'S WAS .017 ±.010 IS (.063), WAS 2.81 IS 2.76, WAS 2.61 IS 2.56, WAS M3X0.5 -6H $\overline{\Delta}$.24 IS M3X0.5 -6H $\overline{\Delta}$.24. -9 CH'D DIM WAS 1.00 IS (1.00).			11/2/2016	RJC	JAG



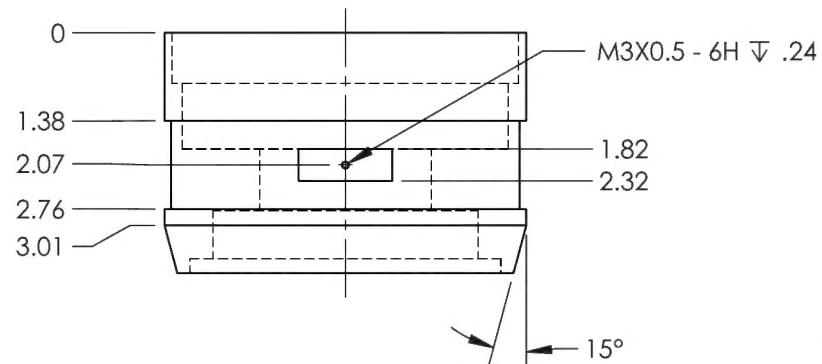
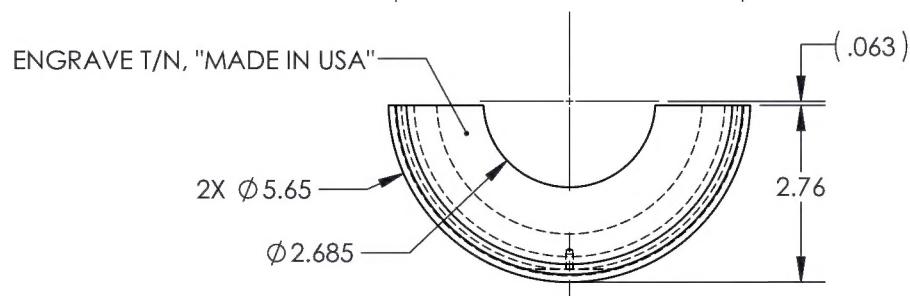
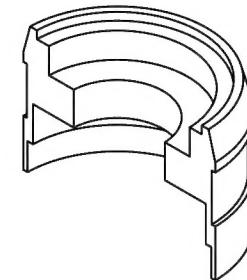
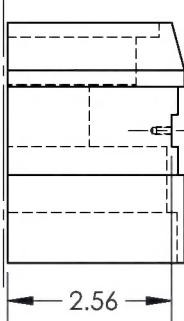
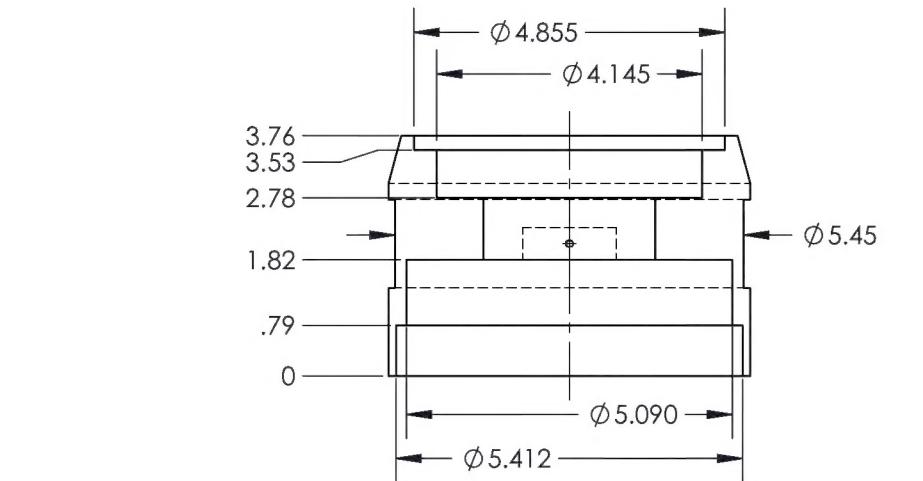
NOTES:
 1. REF. AIRBUS T/N: M651V3000121.
 2. USED IN KIT RBEM651V3000102.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	2	COLLAR	DELRIN/ACETRON GP	WHITE	2
		B/O	-3	2	HEX HEAD CAP SCREW	NYLON	M3 x 0.5 x 12mm (ESSENTRA COMPONENTS # SXHM3L12A)	1
		B/O	-5	2	HEX NUT	NYLON	M3 x 0.5 (MCMASTER-CARR # 93800A400)	1
X			-7	1	VELCRO STRAP			3
1	B/O	-9			VELCRO, LOOP	VELCRO	1" LOOP VELCRO, BLACK (MCMASTER-CARR # 9489K501) MOD.	4
1	B/O	-11			VELCRO, HOOK	VELCRO	1" HOOK VELCRO, BLACK (MCMASTER-CARR # 9489K306) MOD.	5
	B/O	-13	2		BOTTOM FELT	FELT	1.5 X 1/16 ADHESIVE FELT STRIP (MCMASTER-CARR # 5051K481) MOD.	6
	B/O	-15	2		TOP FELT	FELT	1 X 1/16 ADHESIVE FELT STRIP (MCMASTER-CARR # 5051K431) MOD.	7
ASSY -7								

TITLE		FRONT SHAFT PROTECTOR	
DWG NO.		RBEM651V3000121	
		REV	2
MATERIAL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT		.XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5°	
FINISH		X ± .1 SURFACES = 125	
SPEC		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
DRAWN BY:		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
CHECKED:		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
OPPS APPR:		ANDERSON	
QA APPR:		LINDSAY	
APPROVED:		GILBERT	
SCALE		1:4	DATE 4/21/2016
		SHEET 1 OF 7	

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REV			ECR			DESCRIPTION			DATE			INITIAL			APPROVED		
2	16-0209		-1	CH'D DIM'S WAS	.017 ±.010 IS (.063), WAS 2.81 IS 2.76, WAS 2.61 IS 2.56, WAS M3X0.5 -6H ∇ .24 IS M3X0.5 -6H ∇ .24.				11/2/2016		RJC	JAG					



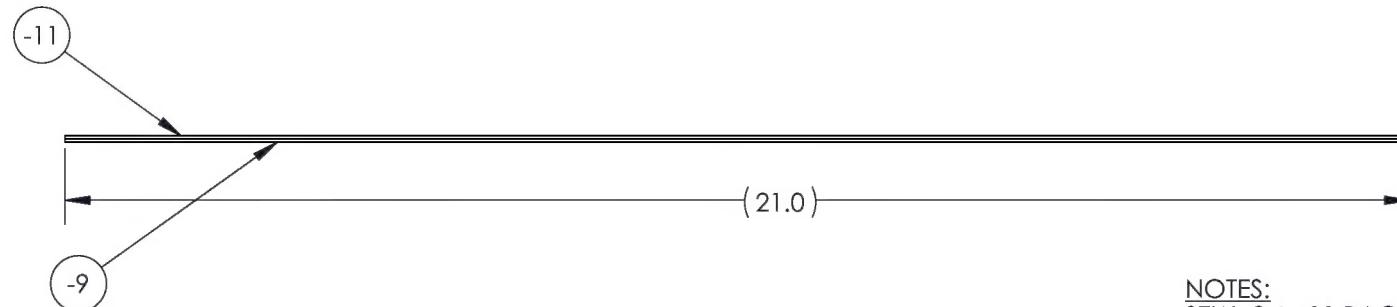
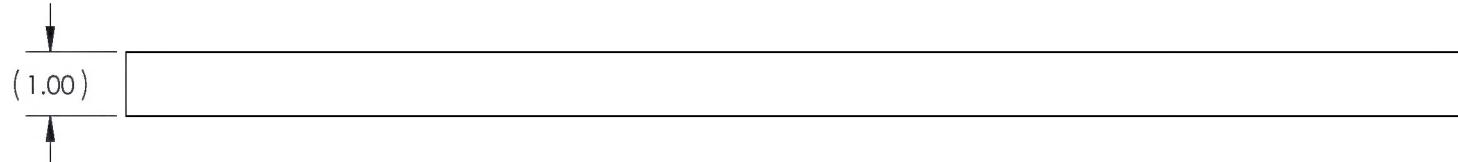
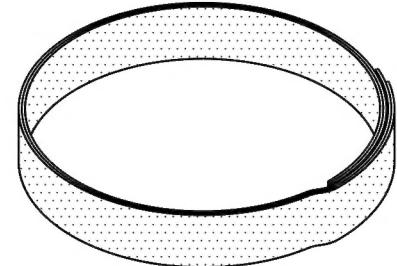
(-1)
COLLAR

COLLAR

	
TITLE FRONT SHAFT PROTECTOR	
DWG NO.	RBEM651V3000121-1
REV	2
MAT'L	DELRIN/ACETRON GP
HEAT	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
DRAWN BY:	MACKOVJAK
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	H175
SCALE	1:3
DATE	4/21/2016
SHEET 2 OF 7	

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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NOTES:
SEW -9 & -11 BACK TO BACK.



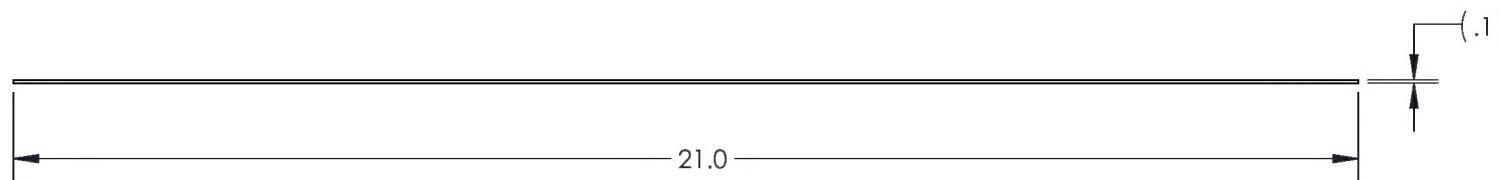
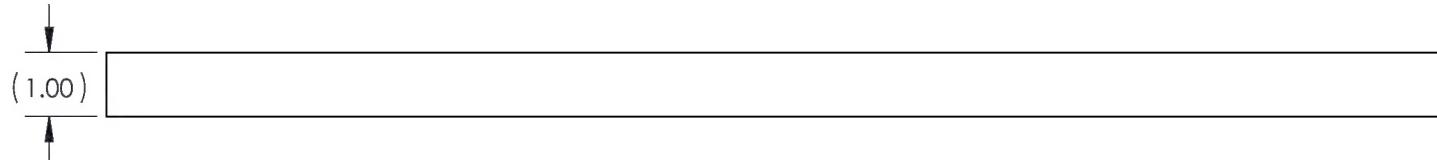
TITLE	
FRONT SHAFT PROTECTOR	
DWG NO.	RBEM651V3000121-7
REV	2
MAT'L	UNLESS OTHERWISE SPECIFIED
HEAT	DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH	.XX ± .03 ANGLES ± 1°
SPEC	X ± .1 SURFACES = 125 ✓
DRAWN BY:	MACKOVJAK
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	H175
SCALE	1:3
DATE	4/21/2016
SHEET 3 OF 7	

(-7)

VELCRO STRAP

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0209	-9 CH'D DIM WAS 1.00 IS {1.00}.	11/2/2016	RJC	JAG



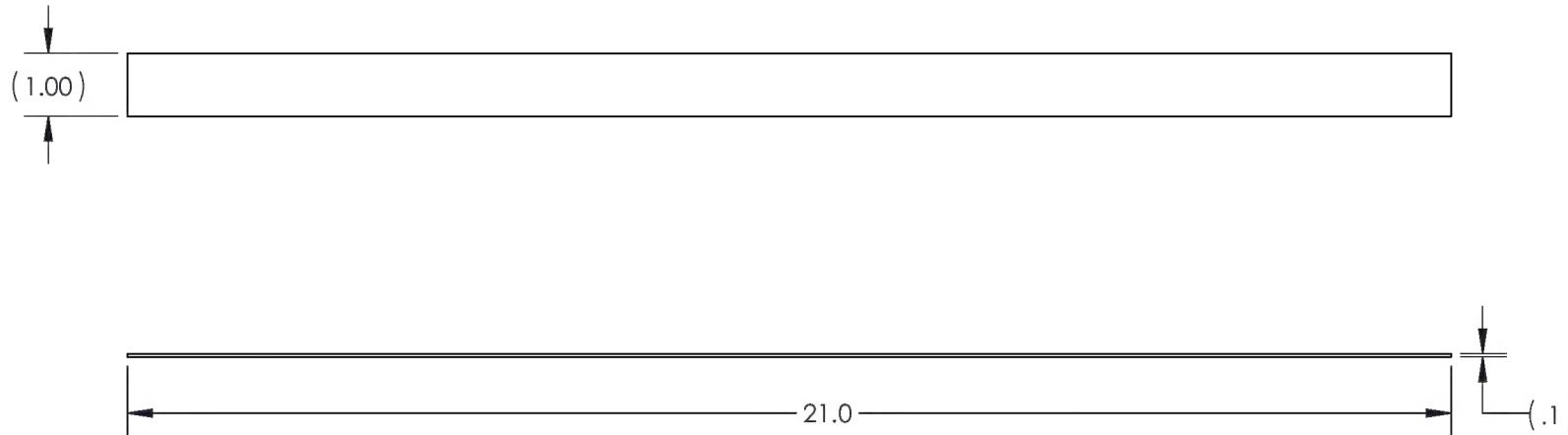
(-9)

VELCRO, LOOP

DART AEROSPACE	
TITLE	
FRONT SHAFT PROTECTOR	
DWG NO. RBEM651V3000121-9	
REV 2	
MATERIAL VELCRO	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT .XXX ± .010 FRACTIONS ± 1/8	
TREAT .XX ± .03 ANGLES ± 1°	
FINISH X ± .1 SURFACES = 125	
SPEC	
DRAWN BY: MACKOVJAK	
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE	1:3
DATE	4/21/2016
SHEET 4 OF 7	

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REV		ECR		REVISIONS		
				DESCRIPTION		DATE
						INITIAL
				APPROVED		



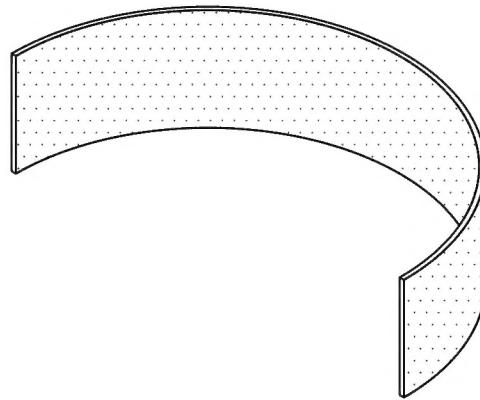
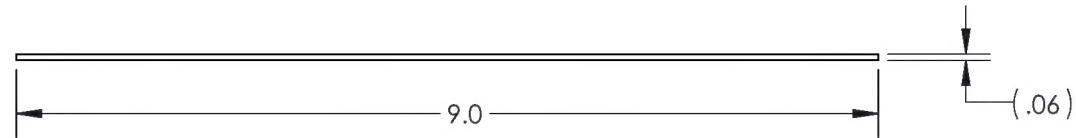
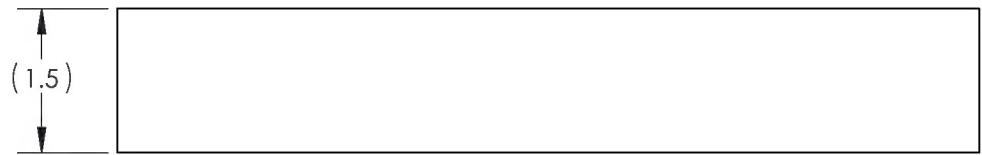
(-11)

VELCRO, HOOK

		TITLE	
FRONT SHAFT PROTECTOR		DWG NO.	
RBEM651V3000121-11		REV	
		2	
MAT'L VELCRO HEAT TREAT FINISH SPEC		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° X ± .1 SURFACES = 125 ✓ 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY:	MACKOVJAK	USED ON MODEL	
CHECKED:	DUERFELDT		
OPPS APPR:	ANDERSON		
QA APPR:	LINDSAY		
APPROVED:	GILBERT	H175	
SCALE	1:3	DATE	4/21/2016
		SHEET 5 OF 7	

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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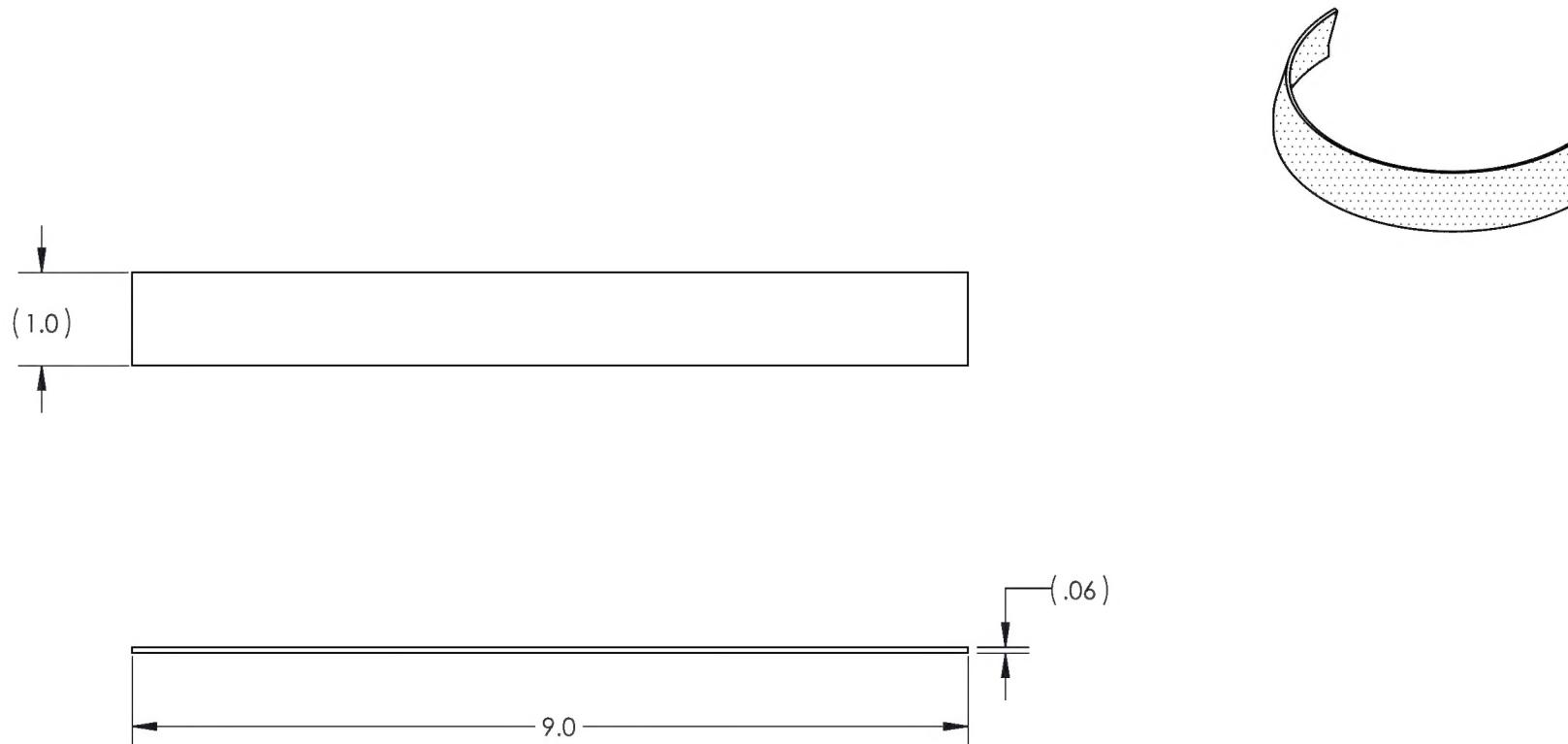
(-13)

BOTTOM FELT

	
TITLE	
DWG NO.	
FRONT SHAFT PROTECTOR	
RBEM651V3000121-13	
REV	
2	
MAT'L FELT	
HEAT	
TREAT	
FINISH	
SPEC	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ± 1°	
.X ± .1 SURFACES = 125	
1. BREAK ALL SHARP EDGES	
.015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY	
AFTER PLATING	
3. INTERPRET DIM AND TOL PER	
ASME Y14.5M-2009	
DRAWN BY: MACKOVJAK	
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
USED ON MODEL	
H175	
SCALE 1:2	
DATE 4/21/2016	
SHEET 6 OF 7	

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REV		ECR		REVISIONS			DESCRIPTION		DATE		INITIAL	APPROVED



-15

TOP FELT

		TITLE	
FRONT SHAFT PROTECTOR		DWG NO.	
RBEM651V3000121-15		REV	
MATERIAL	FELT	UNLESS OTHERWISE SPECIFIED	
		DIMENSIONS ARE IN INCHES	
HEAT		.XXX	± .010 FRACTIONS ± 1/8
TREAT		.XX	± .03 ANGLES ± 1°
FINISH		X	± .1 SURFACES = 125
SPEC			
DRAWN BY:	MACKOVJAK	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED:	DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR:	ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR:	LINDSAY	USED ON MODEL	
APPROVED:	GILBERT	H175	
SCALE	1:2	DATE	4/21/2016
			SHEET 7 OF 7